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Apr 8, 1982

DERWENT-ACC-NO: 1982-40144E

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TITLE: Accelerator for protein-biosynthesis - comprises aconitine alkaloid

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MURAYAMA K

MURAI

PRIORITY-DATA: 1980JP-0132795 (September 26, 1980)

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APPLICATION DATA:

References

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DESCRIPTOR

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JP 57058627A

September 26, 1980

1980JP-0132795

INT-CL (IPC): A23K 1/16; A61K 31/47; A61K 35/78; C07D 221/22

ABSTRACTED-PUB-NO: JP 57058627A

BASIC-ABSTRACT:

An accelerator for protein-biosynthesis contains aconitine alkaloid(s) selected from methaconitine, aconitine, and hypaconitine.

In an example, methaconite is administered orally to mice. Tritium labelled leucine in saline soln. is injected into the peritoneum. Subsequent analysis of the mice livers gave results of 2132+-214, 2105+-237 and 1774+-150 dpm leucine/mg protein cf. for admin. of 0.5, 0.2 and 0.1 mg/g methaconite. Corresp. value for no admin. of methaconite was 1583+-93.

TITLE-TERMS: ACCELERATE PROTEIN BIOSYNTHESIS COMPRISE ACONITINE ALKALOID

ADDL-INDEXING-TERMS:

METHO

DERWENT-CLASS: B02

CPI-CODES: B06-D18;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

D012 D014 D021 D023 D029 D030 E350 G010 G100 H1
H181 H2 H201 H4 H402 H403 H421 H462 H463 H5
H521 H562 H563 H581 H8 J0 J012 J2 J231 J261
M1 M123 M136 M210 M211 M212 M262 M272 M273 M281
M283 M311 M321 M342 M373 M391 M412 M511 M520 M531
M540 M781 M903

UNLINKED-RING-INDEX-NUMBERS: 55610